L Number	Hits	Search Text	DB	Time stamp
1	4	(("5903371") or ("6590681")).PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 13:28
2	3	((("5903371") or ("6590681")).PN.) and filter$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 11:53
4	0	((("5903371") or ("6590681")).PN.) and crystal	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 09:16
5	15	((("6411407") or ("6211980") or ("6590681") or ("5319485") or ("6619865") or ("6614567") or ("6507431") or ("6519255") or ("6456406") or ("5903371") or ("6445720") or ("5875054") or ("5327275") or ("6317232") or ("6304347") or ("6288812") or ("6262820") or ("6201788")).PN.) and filter$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 09:17
6	0	(((("6411407") or ("6211980") or ("6590681") or ("5319485") or ("6619865") or ("6614567") or ("6507431") or ("6519255") or ("6456406") or ("5903371") or ("6445720") or ("5875054") or ("5327275") or ("6317232") or ("6304347") or ("6288812") or ("6262820") or ("6201788")).PN.) and filter$1) and crystal	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 09:18
7	52	liquid adj crystal adj attenuat$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 09:19
8	5	(liquid adj crystal adj attenuat$3) and (398/$7.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 09:18
9	321173	liquid adj crystal	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 09:20
10	229098	attenuat$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 09:20
11	8173	(liquid adj crystal) and attenuat$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 09:20
12	160	((liquid adj crystal) and attenuat$3) and 398/$7.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 09:30
13	128	(((liquid adj crystal) and attenuat$3) and 398/$7.ccls.) and las$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 09:34

14	111	(((((liquid adj crystal) and attenuat$3) and 398/$7.ccls.) and las$3) and filter$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 09:38
15	0	((("5903371") or ("6590681")).PN.) and linear	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 09:38
16	2	("6519060").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 11:53
17	34	(("6411407") or ("6211980") or ("6590681") or ("5319485") or ("6619865") or ("6614567") or ("6507431") or ("6519255") or ("6456406") or ("5903371") or ("6445720") or ("5875054") or ("5327275") or ("6317232") or ("6304347") or ("6288812") or ("6262820") or ("6201788")).PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 13:28
18	0	("1andregenerat$3").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 13:29
19	0	((("5903371") or ("6590681")).PN.) and regenerat$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 13:29
20	8	((("6411407") or ("6211980") or ("6590681") or ("5319485") or ("6619865") or ("6614567") or ("6507431") or ("6519255") or ("6456406") or ("5903371") or ("6445720") or ("5875054") or ("5327275") or ("6317232") or ("6304347") or ("6288812") or ("6262820") or ("6201788")).PN.) and regenerat$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 13:41
21	2240	las$3 adj threshold$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 13:41
22	196203	stimulat$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 13:41
23	620	(las$3 adj threshold$1) and stimulat$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 13:41
24	18	((las$3 adj threshold$1) and stimulat$3) and 398/$7.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 13:41
-	1341	channel$1 adj control$3 adj unit$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/07 16:59
-	2083	(398/3,4,5,11,12,14,17,20,32,33,34,43,45,48,175,202,200,61,56,59,154).CC	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/07 16:59

-	17	(channel$1 adj control$3 adj unit$1) and 398/$7.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/07 17:01
-	4	(("6515777") or ("6324315")).PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/07 17:01
-	2	("5978116").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/07 17:03
-	6	(("5978116") or ("5712932") or ("5414540")).PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/08 08:02
-	108022	(bidirection$2 or "bi-directional" or (bi$1 adj $1direction$2))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/08 08:03
-	232535	(clockwise or (counter adj clockwise) or (anti$1 adj clockwise) or (clock adj wise))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/08 08:03
-	333358	((bidirection$2 or "bi-directional" or (bi$1 adj $1direction$2))) or ((clockwise or (counter adj clockwise) or (anti$1 adj clockwise) or (clock adj wise)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/08 08:03
-	1329	channel adj control adj unit$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/08 08:09
-	7	(((bidirection$2 or "bi-directional" or (bi$1 adj $1direction$2))) or ((clockwise or (counter adj clockwise) or (anti$1 adj clockwise) or (clock adj wise)))) and 398/$7.ccls.) and (channel adj control adj unit$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/08 08:07
-	16	(channel adj control adj unit$1) and 398/$7.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/08 08:10
-	9	((channel adj control adj unit$1) and 398/$7.ccls.) not (((((bidirection$2 or "bi-directional" or (bi$1 adj $1direction$2))) or ((clockwise or (counter adj clockwise) or (anti$1 adj clockwise) or (clock adj wise)))) and 398/$7.ccls.) and (channel adj control adj unit$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/08 08:10
-	2144	(((bidirection$2 or "bi-directional" or (bi$1 adj $1direction$2))) or ((clockwise or (counter adj clockwise) or (anti$1 adj clockwise) or (clock adj wise)))) and 398/$7.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/08 09:35

-	1	((((bidirection$2 or "bi-directional" or (bi$1 adj $1direction$2))) or ((clockwise or (counter adj clockwise) or (anti$1 adj clockwise) or (clock adj wise)))) and 398/$7.ccls.) and (wavelength and attentuat$3 and (coupl$3 or combin$3) and (branch$3 or divert$3) and (first adj (path$1 or fiber$1)) and (second adj (path$1 or fiber$1)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/08 08:14
-	1	((((bidirection$2 or "bi-directional" or (bi$1 adj $1direction$2))) or ((clockwise or (counter adj clockwise) or (anti$1 adj clockwise) or (clock adj wise)))) and 398/$7.ccls.) and (wavelength and attentuat$3 and (coupl$3 or combin$3) and (branch$3 or divert$3 or split$4) and (first adj (path$1 or fiber$1)) and (second adj (path$1 or fiber$1)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/08 08:15
-	5	((((bidirection$2 or "bi-directional" or (bi$1 adj $1direction$2))) or ((clockwise or (counter adj clockwise) or (anti$1 adj clockwise) or (clock adj wise)))) and 398/$7.ccls.) and (wavelength and attentuat$3 and (coupl$3 or combin$3) and (branch$3 or divert$3 or split$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/08 08:15
-	616	((((bidirection$2 or "bi-directional" or (bi$1 adj $1direction$2))) or ((clockwise or (counter adj clockwise) or (anti$1 adj clockwise) or (clock adj wise)))) and 398/$7.ccls.) and ring	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/08 09:03
-	21	("5295012" | "5483370" | "5600469" | "5706111" | "5751454" | "5774245" | "5786917" | "5812306" | "5896212" | "5903371" | "5905731" | "5920412" | "6075630" | "6078415" | "6084694" | "6101012" | "6101013" | "6160660" | "6169616" | "6202082" | "6204943").PN.	USPAT	2003/10/08 08:37
-	9	("5003531" | "5050164" | "5327275" | "5510917" | "5594581" | "5631896" | "5838924" | "5889610" | "6075629").PN.	USPAT	2003/10/08 08:41
-	9	("4586186" | "4677618" | "4768202" | "5157530" | "5369520" | "5446573" | "5774246" | "5930017" | "6044122").PN.	USPAT	2003/10/08 08:44
-	1528	((((bidirection$2 or "bi-directional" or (bi$1 adj $1direction$2))) or ((clockwise or (counter adj clockwise) or (anti$1 adj clockwise) or (clock adj wise)))) and 398/$7.ccls.) not (((((bidirection$2 or "bi-directional" or (bi$1 adj $1direction$2))) or ((clockwise or (counter adj clockwise) or (anti$1 adj clockwise) or (clock adj wise)))) and 398/$7.ccls.) and ring)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/08 09:04
-	4110	(((bidirection$2 or "bi-directional" or (bi$1 adj $1direction$2))) or ((clockwise or (counter adj clockwise) or (anti$1 adj clockwise) or (clock adj wise)))) and 359/$7.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/08 09:35
-	3849	((((bidirection$2 or "bi-directional" or (bi$1 adj $1direction$2))) or ((clockwise or (counter adj clockwise) or (anti$1 adj clockwise) or (clock adj wise)))) and 359/$7.ccls.) not ((((bidirection$2 or "bi-directional" or (bi$1 adj $1direction$2))) or ((clockwise or (counter adj clockwise) or (anti$1 adj clockwise) or (clock adj wise)))) and 398/$7.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/08 09:35

–	3348	((((((bidirection$2 or "bi-directional" or (bi$1 adj $1direction$2))) or ((clockwise or (counter adj clockwise) or (anti$1 adj clockwise) or (clock adj wise)))) and 359/$7.ccls.) not ((((bidirection$2 or "bi-directional" or (bi$1 adj $1direction$2))) or ((clockwise or (counter adj clockwise) or (anti$1 adj clockwise) or (clock adj wise)))) and 398/$7.ccls.)) and optical	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/08 09:36
–	1868	((((((bidirection$2 or "bi-directional" or (bi$1 adj $1direction$2))) or ((clockwise or (counter adj clockwise) or (anti$1 adj clockwise) or (clock adj wise)))) and 359/$7.ccls.) not ((((bidirection$2 or "bi-directional" or (bi$1 adj $1direction$2))) or ((clockwise or (counter adj clockwise) or (anti$1 adj clockwise) or (clock adj wise)))) and 398/$7.ccls.)) and optical) and (wavelength$1 or channel$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/08 09:47
–	12677	east and west	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/08 09:47
–	2029	(((bidirection$2 or "bi-directional" or (bi$1 adj $1direction$2))) or ((clockwise or (counter adj clockwise) or (anti$1 adj clockwise) or (clock adj wise)))) and (east and west)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/08 09:47
–	69	((((bidirection$2 or "bi-directional" or (bi$1 adj $1direction$2))) or ((clockwise or (counter adj clockwise) or (anti$1 adj clockwise) or (clock adj wise)))) and (east and west)) and 359/$7.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/08 09:48
–	152	((((bidirection$2 or "bi-directional" or (bi$1 adj $1direction$2))) or ((clockwise or (counter adj clockwise) or (anti$1 adj clockwise) or (clock adj wise)))) and (east and west)) and 398/$7.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/08 10:03
–	21	("5295012" | "5483370" | "5600469" | "5706111" | "5751454" | "5774245" | "5786917" | "5812306" | "5896212" | "5903371" | "5905731" | "5920412" | "6075630" | "6078415" | "6084694" | "6101012" | "6101013" | "6160660" | "6169616" | "6202082" | "6204943").PN.	USPAT	2003/10/08 09:56
–	15	("5548431" | "5589967" | "5647035" | "5706111" | "5751454" | "5760934" | "5796501" | "5896212" | "6046833" | "6069892" | "6084694" | "6101012" | "6101013" | "6137800" | "6141339").PN.	USPAT	2003/10/08 10:08
–	52	(("6631018") or ("6411407") or ("6211980") or ("6590681") or ("6201909") or ("5319485") or ("6619865") or ("6614567") or ("6580530") or ("6507431") or ("6519255") or ("6456406") or ("6426815") or ("5903371") or ("6333799") or ("5003531") or ("6445720") or ("5875054") or ("5903371") or ("5861966") or ("5327275") or ("6317232") or ("6304347") or ("6288812") or ("6262820") or ("6201788") or ("6088141") or ("5717796")).PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 13:28

-	0	(((("6631018") or ("6411407") or ("6211980") or ("6590681") or ("6201909") or ("5319485") or ("6619865") or ("6614567") or ("6580530") or ("6507431") or ("6519255") or ("6456406") or ("6426815") or ("5903371") or ("6333799") or ("5003531") or ("6445720") or ("5875054") or ("5903371") or ("5861966") or ("5327275") or ("6317232") or ("6304347") or ("6288812") or ("6262820") or ("6201788") or ("6088141") or ("5717796")).PN.) and attentuat$3	USPAT	2003/10/08 10:09
-	14	(((("6631018") or ("6411407") or ("6211980") or ("6590681") or ("6201909") or ("5319485") or ("6619865") or ("6614567") or ("6580530") or ("6507431") or ("6519255") or ("6456406") or ("6426815") or ("5903371") or ("6333799") or ("5003531") or ("6445720") or ("5875054") or ("5903371") or ("5861966") or ("5327275") or ("6317232") or ("6304347") or ("6288812") or ("6262820") or ("6201788") or ("6088141") or ("5717796")).PN.) and attenuat$3	USPAT	2003/10/08 10:09

-	184	("3501640"	"3864533"	"4042794"		USPAT	2003/10/08 10:10

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"4380061" | "4441181" | "4451916" |
"4542496" | "4561088" | "4648088" |
"4707064" | "4763317" | "4815803" |
"4821255" | "4835763" | "4837856" |
"4880289" | "4901306" | "4927225" |
"4956836" | "5000531" | "5002350" |
"5119223" | "5144465" | "5191457" |
"5191626" | "5202780" | "5216666" |
"5221983" | "5255332" | "5278687" |
"5283845" | "5289302" | "5317198" |
"5319435" | "5319485" | "5333130" |
"5357359" | "5365344" | "5369515" |
"5369516" | "5384651" | "5400163" |
"5406401" | "5414540" | "5414548" |
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"5442623" | "5446809" | "5448501" |
"5452124" | "5455698" | "5457760" |
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"5488500" | "5488501" | "5491573" |
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"5812711" | "5822095" | "5822474" |
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"5982518" | "5986783" | "RE36472" |
"5999290" | "5999322" | "6002503" |
"6002504" | "6038045" | "6041152" |
"6043914" | "6055112" | "6061484" |
"6069719" | "6084694" | "6091529" |
"6118563" | "6122095" | "6122096" |
"6134036" | "6175432" | "6181850" |
"6208441" | "6208443" | "6243179" |
"6281997" | "6310994" | "6333798" |
"6348984").PN.

-	38	((("6631018") or ("6411407") or ("6211980") or ("6590681") or ("6201909") or ("5319485") or ("6619865") or ("6614567") or ("6580530") or ("6507431") or ("6519255") or ("6456406") or ("6426815") or ("5903371") or ("6333799") or ("5003531") or ("6445720") or ("5875054") or ("5903371") or ("5861966") or ("5327275") or ("6317232") or ("6304347") or ("6288812") or ("6262820") or ("6201788") or ("6088141") or ("5717796")).PN.) not (((("6631018") or ("6411407") or ("6211980") or ("6590681") or ("6201909") or ("5319485") or ("6619865") or ("6614567") or ("6580530") or ("6507431") or ("6519255") or ("6456406") or ("6426815") or ("5903371") or ("6333799") or ("5003531") or ("6445720") or ("5875054") or ("5903371") or ("5861966") or ("5327275") or ("6317232") or ("6304347") or ("6288812") or ("6262820") or ("6201788") or ("6088141") or ("5717796")).PN.) and attenuat$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/08 14:00
-	34	(("6411407") or ("6211980") or ("6590681") or ("5319485") or ("6619865") or ("6614567") or ("6507431") or ("6519255") or ("6456406") or ("5903371") or ("6445720") or ("5875054") or ("5327275") or ("6317232") or ("6304347") or ("6288812") or ("6262820") or ("6201788")).PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 13:28
-	15	((("6411407") or ("6211980") or ("6590681") or ("5319485") or ("6619865") or ("6614567") or ("6507431") or ("6519255") or ("6456406") or ("5903371") or ("6445720") or ("5875054") or ("5327275") or ("6317232") or ("6304347") or ("6288812") or ("6262820") or ("6201788")).PN.) and filter$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/09 09:17
-	15	((("6411407") or ("6211980") or ("6590681") or ("5319485") or ("6619865") or ("6614567") or ("6507431") or ("6519255") or ("6456406") or ("5903371") or ("6445720") or ("5875054") or ("5327275") or ("6317232") or ("6304347") or ("6288812") or ("6262820") or ("6201788")).PN.) and filter$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/08 14:35
-	9	((("6411407") or ("6211980") or ("6590681") or ("5319485") or ("6619865") or ("6614567") or ("6507431") or ("6519255") or ("6456406") or ("5903371") or ("6445720") or ("5875054") or ("5327275") or ("6317232") or ("6304347") or ("6288812") or ("6262820") or ("6201788")).PN.) and attenuat$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/08 14:35